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				Application Number	10/717,294	
INF	DRMATIO	n disc	LOSURE	Filing Date	11/19/2003	
STATEMENT BY APPLICANT				First Named Inventor	Kenneth B. Tingey	
				Group Art Unit	2164	
	(use as many s	heets as ne	cessary)	Examiner Name	Phuong-Thao Cao	
Sheet	1	of	11	Attorney Docket Number	12710.0024	

	U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	U.S. Patent Docum	Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relavant Passeges or Relavant Figures Appear		
PTC		4,276,597		Dissly, et al.	06/30/1981	707/1		
PTC		4,631,664		Bachman	12/23/1986	707/100		
PTC		4,648,036		Gallant	03/03/1987	707/203		
PTC		4,686,620	\Box	Ng	08/11/1987	707/10		
PTC		4,744,028		Karmarkar	05/10/1988	705/8		
PTC		4,766,539		Fox	08/23/1988	705/4		
PTC		4,807,108		Ben-Arieh, et al.	02/21/1989	700/28		
PTC		4,831,526		Luchs, et al.	05/16/1989	705/4		
PTC		4,837,693		Schotz	06/06/1989	705/4		
PTC		4,853,843		Ecklund	08/01/1989	707/203		
PTC		4,866,628	П	Natarajan	09/12/1989	700/102		
PTC		4,930,071		Tou, et al.	05/29/1990	707/4		
PTC		5,119,318		Paradies, et al.	06/02/1992	706/52		
PTC		5,191,522		Bosco, et al.	03/02/1993	705/4		
PTC		5,260,868		Gupta, et al.	11/09/1993	700/100		
PTC		5,263,129		Ikegaya, et al.	11/16/1993	345/418		
PTC		5,273,434		Peck	12/28/1993	434/224		
PTC		5,311,424		Mukherjee, et al.	05/10/1994	705/29		
PTC		5,369,570	П	Parad	11/29/1994	705/8		
PTC		5,724,576		Letourneau	03/03/1998	707/100		

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PTC	-		0 615 198 A1		International Bus. Machines	03/08/1993	G06F 15/21	
PTC			WO 01/13303 A1		Ver-Sata, Inc.	02/22/2001	G06F 17/60	
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Examiner /Phuong Thao Cao/	Date Considered	04/20/2006

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				Application Number	10/717,294	
INF	ORMATIO	N DISC	LOSURE	Filing Date	11/19/2003	
STATEMENT BY APPLICANT				First Named Inventor	Kenneth B. Tingey	
•	,			Group Art Unit	2164	
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Sheet	2	of	11	Attomey Docket Number	12710.0024	

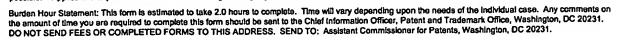
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PTC		5,499,36		Anderson, et al.	03/12/1996	707/203		
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PTC		5,745,75		Covey	04/28/1998	707/203		
PTC		5,758,15		LeTourneau	05/26/1998	707/102		
PTC		5,535,38	36	Wang	07/09/1996	707/203		
PTC		5,649,19	0	Sharif-Askary, et al.	07/15/1997	707/101		
PTC		5,440,73	0	Elmasri, et al.	08/08/1995	707/203		
PTC		5,455,40	7	Rosen	10/03/1995	705/69		
PTC		5,842,19	96	Asgarwal, et al.	11/24/1998	707/2		
PTC		5,845,29)5	Houseman, et al.	12/01/1998	707/204		
PTC		5,862,34	16	Kley, et al.	01/19/1999	709/245		
PTC		5,870,7	33 .	Bass, et al.	02/09/1999	707/2		
PTC		5,903,89)1	Chen, et al.	05/11/1999	707/10		
PTC		5,905,98	32	Carey, et al.	05/18/1999	707/4		
PTC		5,907,83	37	Ferrel, et al.	05/25/1999	707/3		
PTC		5,937,40		Pandit	08/10/1999	707/4		
PTC		5,937,4	09	Wetherbee	08/10/1999	707/103		
PTC		5,949,8		Ginter, et al.	09/07/1999	705/80		
PTC		5,956,7	25	Burroughs, et al.	09/21/1999	707/101		
PTC	-1	5,970,4		Fahey	10/19/1999	705/28		

FOREIGN PATENT DOCUMENTS									
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Substitute	for form 1449A/F	OTO		Complet if Known		
				Application Number	10/717,294	
INFORMATION DISCLOSURE				Filing Date	11/19/2003	
STATEMENT BY APPLICANT			PLICANT	First Named Inventor	Kenneth B. Tingey	
				Group Art Unit	2164	
(use as many s	heets as ne	cessary)	Examiner Name	Phuong-Thao Cao	
Sheet	3	of	11	Attorney Docket Number	12710.0024	

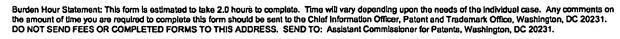
	U.S. PATENT DOCUMENTS							
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PTC		6,003,024	Bair, et al.	12/14/1999	707/3			
PTC		6,023,578	Birsan, et al.	02/08/2000	717/105			
PTC		6,041,303	Mathews	03/21/2000	705/1			
PTC		6,047,046	Smets, et al.	04/04/2000	379/88.25			
PTC		6,067,559	Allard, et al.	05/23/2000	709/202			
PTC		6,078,924	Ainsbury, et al.	06/20/2000	707/101			
PTC		6,085,220	Courts, et al.	07/04/2000	709/201			
PTC		6,119,229	Martinez, et al.	09/12/2000	726/28			
PTC		6,151,601	Papiernaik, et al.	11/21/2000	707/10			
PTC		6,157,915	Bhaskaran, et al.	12/05/2000	705/7			
PTC		6,167,406	Hoskins, et al.	12/26/2000	707/102			
PTC		6,182,091	Pitkow, et al.	01/30/2001	715/501.1			
PTC		6,192,357	Krychniak	02/20/2001	707/2			
PTC		6,317,749	Ghatate	11/13/2001	707/103			
PTC		US 2002/0026434	Krebs, et al.	02/28/2002	707/1			
PTC		6,389,540	Scheifler, et al.	05/14/2002	726/21			
PTC		6,393,432	Flansburg, et al.	05/21/2002	707/104.1			
PTC		6,393,497	Amold, et al.	05/21/2002	719/330			
PTC		6,397,225	Brown, et al.	05/28/2002	707/104.1			
PTC		6,421,704	Waldo, et al.	07/16/2002	709/104			

				FORE	IGN PATENT DOCUMENT	rs		
Foreign Patent Document					Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	
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1	Substitu	ute for form 1449A	PTO		C	mplet if Known	
١					Application Number	10/717,294	
-	INF	ORMATIC	N DISC	CLOSURE	Filing Date	11/19/2003	
1	STA	TEMENT	BY AF	PLICANT	First Named Inventor	Kenneth B. Tingey	
- 1					Group Art Unit	2164	
		(use as many :	sheets as n	ecessary)	Examiner Name	Phuong-Thao Cao	
Ţ	Sheet	4	of	11	Attorney Docket Number	12710.0024	

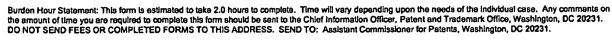
				U.S. PATENT DOC	JMENTS	
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PTC		6,424,97	79	Livingston, et al.	07/23/2002	Figures Appear 715/511
						
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				Application Number	10/717,294	
INFO	ORMATIC	ON DIS	CLOSURE	Filing Date	11/19/2003	
STATEMENT BY APPLICANT				First Named Inventor	Kenneth B. Tingey	
				Group Art Unit	2164	
(use as many sheets as necessary)			necessery)	Examiner Name	Phuong-Thao Cao	
Sheet	5	of	11	Attorney Docket Number	12710.0024	

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner Initials'	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
		VATTER, W. J. 1947. The fund theory of accounting and its implications for financial reports. Chicago: University of Chicago Press.	
		Mattessich, R. 1964. Accounting and analytic methods. Homewook, ILs Richard D. Irwin, Inc.	
		Ijiri, Y. 1965. Management goals and accounting for control. Chicago: Raind McNally & Company.	
		Ijiri, Y. 1967. The foundations of accounting measurement. Houston, TX. Scholars Book Co.	
		Minsky, M. (Ed.). 1968. Semantic information processing. Cambridge, MA. The MIT Press.	
 - -		Raphael, D. 1968. SIR. Semantic information retrieval. In M. Minsky (1968), Semantic information processing. Cambridge, MA: The MIT Press.	
PTC		Sorter, G. H. 1969. An 'events' approach to basic accounting theory. The Accounting Review, January, 1969, 12-19.	
PTC		Codd, E. F. 1970. A relational model of data for large shared data banks. Communications of the ACM 13(6), 377-387.	
PTC		Colantoni, C. S., Manes, R. P., & Whinston, A. 1970. A unified approach to the theory of accounting and information systems. The Accounting Review 46(1), 90-102.	
PTC		Johnson, O. 1970. Toward an "events" theory of accounting. The Accounting Review, October 1970, 641-653.	
		Vatter, 1971. Accounting measurements for financial reports. Homewood, IL. Richard D. Irwin.	

Examiner	/Phuong Thao Cao/	Date	04/20/2006
Signature		Consider d	

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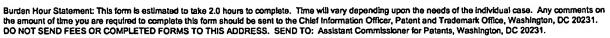
Substitut	te for form 1449B/	PTO		Complete if Kn wn			
				Application Number	10/717,294		
INFO	ORMATIC	ON DI	SCLOSURE	Filing Date	11/19/2003		
STA	TEMENT	RY	APPLICANT	First Named Inventor	Kenneth B. Tingey		
UIA				Group Art Unit	2164		
	(use as mar	ny sheets	as necessary)	Examiner Name	Phuong-Thao Cao		
Sheet	6	of	11	Attorney Docket Number	12710.0024		

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS	
Examiner initiats'	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T2
		IJiri. 1973. Theory of accounting measurement. Sarasota, P.E. American Accounting Association.	
PTC		Lieberman, A. Z., & Whinston, A. B. 1975. A structuring of an events-accounting information system. The Accounting Review, 50(2), 246-249.	
		Astrohun, M. M., Blasgen, M. W., Chamberin, D. D., Eswaran, K. P., Gray, J. N., Griffidas, P. P., King, W. P., Lorie, R. A., McJones, J. W., Mchi, J. W., Petzolu, G. R., Traiger, L. E., Wade, B. W., & Watson, V. 1976. System R. Relational approach to database management. ACM Transactions on Database Systems, 1(2), 97-197.	
PTC		Chen, P. P. S. 1976. The entity-relationship model: Toward a unified view of data. ACM Transactions on Database Systems, 1(1), 9-36.	
PTC		Haseman, W. D., & Whinston, A. B. 1976. Design of a multidimensional accounting system. The Accounting Review 51(1), 65-79.	
		Chamberlin, D. D. 1977. Relational data base management systems. Computing Surveys, 8(1), 43-66.	
PTC		Everest, G. C., & Weber, R. 1977. A relational approach to accounting models. The Accounting Review, April, 1977, 340-59.	
PTC		Smith, J. M. & Smith, D. C. P. 1977. Database abstractions: Aggregation and generalization. ACM Transactions on Database Systems, 2(2), 105-133.	
		Taylor, R. W., & Frank, R. L. 1977. SODASYL data-base management systems. Computing Surveys, 8(1), 67-103.	
		McCarthy, W. E. 1978. A relational model for events based accounting systems. (Doctoral dissertation, Michigan State University, 1978).	
PTC		Benbasat, I., & Dexter, A. S. 1979. Value and events approaches to accounting: An experimental evaluation. The Accounting Review 57(3), 735-749.	

Examiner Signature	/Phuong Thao Cao/	Date Considered	04/20/2006	Ì

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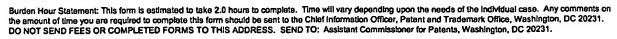
Subatibut	e for form 1449B/	PTO		Compl te if Known			
				Application Number	10/717,294		
INFO	PRMATIC	on dis	CLOSURE	Filing Date	11/19/2003		
STATEMENT BY APPLICANT				First Named Inventor	Kenneth B. Tingey		
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	(use as mai	ny sheets as	necessary)	Examiner Name	Phuong-Thao Cao		
Sheet	7	of	11	Attorney Docket Number	12710.0024		

	OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	_
Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	McCarthy, W. E. 1979. An entity-relationship view of accounting models. The Accounting Review 57(3), 667-686.	
	McCarthy, W.E 1982. The REA accounting model: A generalized framework for accounting systems in a shared data environment. The Accounting Review, (57)3, 554-578.	
	Doming, W. E. 1982/1986. Out of the entries Cambridge, MA: Massachusette Institute of Technology Center for Advanced Engineering Study.	
	Amer, T., Bailey, A. D. Jr., & De, P. 1987. A review of the computer information systems research related to accounting and auditing. Journal of Information Systems, 1(2), 3-28.	
	McCarthy, W. E. 1987a. On the future of knowledge-based accounting systems. In M. Vasarhelyi (Ed.), Artificial Intelligence in Accounting and Auditing: The Use of Expert Systems. New York: Marcus Wiener Publishing. Available: http://gsma62. rutgers.edu/raw/publisher/appli11.htm.	
	McCarthy, W. E. 1987b. Accounting information systems: Research directions and perspective. Journal of Information Systems, 2(1), 29-32.	
	Weber, R. 1987. Toward a theory of artifacts: A paradigmatic base for information science research. Journal of Information Systems, Spring 1987.	
	Armitage, H. M, & McCarthy, W. E. (1987). Decision support using entity-relationship modeling. Journal of Accounting and EDP, Fall 1987, 12-17.	
	Cushing, B. E. 1989. On the feasibility and the consequences of a database approach to corporate financial reporting. Journal of Information Systems, Spring 1989, 29-52.	
	Dennis, E. L., & Vangermeersch, R. 1990. Book review. Artificial intelligence in accounting & auditing by M. A. Vasarhely i. Issues in Accounting Education 5(2), 352-353.	
	Series, G. H., Ingberman, M. J., & Maximon, H. M. 1990. Financial accounting. Arrevents and eash flow approach. New York: McGrew Hill, Inc.	
		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the tem (book, magazine, bornal, serial, serial, serial, serial, cetted, date, pegude), volume-issue number(s), publisher, city andor county where published. McCarthy, W. E. 1979. An entity-relationship view of accounting models. The Accounting Review 57(3), 667-686. McCarthy, W.E. 1982. The REA accounting model: A generalized framework for accounting systems in a shared data environment. The Accounting Review, (57)3, 554-578. Deming, W. E. 1982/1986. Out of the crivie Cambridge, MA: Massachusetts Institute of Technology Center for Advanced Engineering Study. Amer, T., Bailey, A. D. Jr., & De, P. 1987. A review of the computer information systems research related to accounting and auditing. Journal of Information Systems, 1(2), 3-28. McCarthy, W. E. 1987a. On the future of knowledge-based accounting systems. In M. Vasarhelyi (Ed.), Artificial Intelligence in Accounting and Auditing: The Use of Expert Systems. New York: Marcus Wiener Publishing. Available: http://gsma62. rutgers.edu/raw/publisher/appli11.htm. McCarthy, W. E. 1987b. Accounting information systems: Research directions and perspective. Journal of Information Systems, 2(1), 29-32. Weber, R. 1987. Toward a theory of artifacts: A paradigmatic base for information science research. Journal of Information Systems, Spring 1987. Armitage, H. M. & McCarthy, W. E. (1987). Decision support using entity-relationship modeling. Journal of Accounting and EDP, Fall 1987, 12-17. Cushing, B. E. 1989. On the feasibility and the consequences of a database approach to corporate financial reporting. Journal of Information Systems, Spring 1989, 29-52. Benna, E. E., & Vangermeersch, R. 1999. Book review. Artificial intelligence in accounting & auditing by M. A. Vasankelyi. Issues in Accounting Education 5(2), 352-353.

Examiner	/Phuong Thao Cao/	Date	04/20/2006
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Substitute for for	m 14498/PT()		Complete if Known			
			·	Application Number	10/717,294		
INFORM	IOITAI	1 DI	SCLOSURE	Filing Date	11/19/2003		
STATE	IENT I	3Y /	APPLICANT	First Named Inventor	Kenneth B. Tingey		
OIAIL		, ,		Group Art Unit	2164		
(use as many sheets as necessary)				Examiner Name	Phuong-Thao Cao		
Sheet	8	of	11	Attorney Docket Number	12710.0024		

		OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²				
		Womack, J. P., Jones, D. T., & Roos, D. 1990. The machine that changed the world. The story of lean-production. New York: HarperPercurial.					
		Scherkenbach, W. W. 1991. Deming's road to continual improvement. Knoxville, TN. SPC Press, Inc.					
		Goodhuc, D. L., Kirsch, L. J., Qulliard, J. A., Wybo, M. D. 1992. Strategic data planning: Lessons from the field. MIS Quarterly, 16(1), 11-46.					
PTC Sedd PTC Denr 8(1), Mett	Seddon, P. B. 1992. Formula accounting. Accounting and Business Research, 22(Spring), 161-171.						
		Denna, E. L., Cherrington, J. O., Andros, D. P., & Hollander, A. S. 1995. Event-driven ousiness solutions: Today's revolution in business and information technology. Homewood, IL. Business One frwin.					
		Hammer, M., & Champy, I. 1993. Reengineering the corporation: A manifesto for business revolution. New York: HerperBusiness.					
PTC		Denna, E. L., & Jasperson, J. 1994. Modeling conversion process events. Journal of Information Systems 8(1), 43-55.					
		Mettessish. 1995. Critique of accounting. Westport, CT: Quorum Books.					
		Tingoy, K. B. 1995, April 14. Memorandum to Steve Thomas: Accounting entries, period management, postings for Christopher Enterprises and Empower Net, budgeting, and cost and income classification definitions. Legan, UT: OpenNet Corporation.					
		Gastells, M. 1996. The rise of the network society. Malden, MA. Blackwell Publishers, Inc.					
PTC		Denna, E. L., & Perry, L. T. 1996. Integrative business solutions. Available: http://marriotschool.byu.edu/emp/eld/wip/solution/solution.htm.	<u> </u>				

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סות		D .,		Group Art Unit	2164	
	(use as man)	y sheets a	as necessary)	Examiner Name	Phuong-Thao Cao	
Sheet	9	of	11	Attorney Docket Number	12710.0024	

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	McCarrby, W. E., David, J. S., & Sommer, B. S. 1996. The evolution of enterprise information systems: From sticks and jars past journals and ledgers toward interorganizational webs of business objects and beyond. Michigan State University, September 27. Presented at OOPSLA '96 Workshop on Business Object Design and Implementation. Available: http://jeffsutherland.org/oopsla96/mccarthy.html.	
	Seddon, P.B. 1996. An architecture for future computer-based accounting systems: Generating formula accounting journal entries from TPS databases using the resources and exchange events accounting model. Journal of Information Systems 10(1), 1-25.	
	Weber, R. 1996. Are attributes entities? A study of database designers' memory structures. Information Systems Research, 7(2), 137-162.	
	Alschuler, L. 1997. The data-driven desktop: DataChannel pushes XML. Seybold Report of Internet Publishing, 2(2), 9-15.	
	Dunn, C. L., & McCarthy, W. E. 1997. The REA accounting model: Intellectual heritage and prospects for progress. Journal of Information Systems, 11(1), 31-51.	
	Mager, R. F. 1997. Making instruction work: A step by step guide to designing and developing instruction that works. Atlanta, GA: The Center for Effective Performance, Inc.	
	Inman, E. E. 1998. Enterprise modeling advantages of San Francisco for general ledger systems. IBM Systems Journal, 37(2), 170-180.	
	Johner, H., Brown, L., Hinner, F. S., Reis, W., & Westman, J. 1998. Understanding LDAP. Austin TX. IBM International Technical Support Organization. Available: http://www.redbooks.ibm.com/pubs/pdfs/redbooks/sg2+4986.pdf.	
	David, J. S., Dunn, C. L., & McCarthy, W. E. 1999, November. Enterprise resource planning systems research: The necessity of explicating and examining patterns in symbolic form. Proceedings of the First Annual Workshop on enterprise Management and Resource Planning Systems: Methods, Tools, and Architecture. Venice, Italy. Link: http://leks.iasi.mc.pn.it/emms99/naners/Dunn.odf	
	Strasoner, J. 1999. Directory enabled networks. Indianapolic, IPU Macmillan Technical Publishing.	
	Tingey, R. B. 1999. Dual control. Harnessing technology for breakthrough performance. North Logan, UT: OpenNet Corporation.	
		Weber, R. 1996. Are attributes entities? A study of database designers' memory structures. Information Systems Research, 7(2), 137-162. Alschuler, L. 1997. The data-driven desktop: DataChannel pushes XML. Seybold Report of Internet Publishing, 2(2), 9-15. Dunn, C. L., & McCarthy, W. E. 1997. The REA accounting model: Intellectual heritage and prospects for progress. Journal of Information Systems, 11(1), 31-51. Magos, B. F. 1997. Meking instruction works A step by step guide to designing and developing instruction that works. Atlanta, GA: The Center for Effective Performance, Inc. Inman, E. E. 1998. Enterprise modeling advantages of San Francisco for general ledger systems. IBM Systems Journal, 37(2), 170-180. Johner, H., Brown, L., Hinner, F. G., Reis, W., & Westman, J. 1998. Understanding LDAP. Austin TX: IBM International Technical Deport Organization. Available: http://www.nedbooks.ibm.com/pubs/pdfs/techlooks/sg2+4986.pdf. David, J. S., Dunn, C. L., & McCarthy, W. E. 1999, November. Enterprise resource planning systems research: The necessity of explicating and examining patterns in symbolic form. Proceedings of the First Annual Workshop on enterprise Management and Resource Planning Systems: Methods, Tools, and Architecture. Venice, Italy. Link: http://leks.iasi.mc.mr/i/mms99/naners/Dunn.pdf Strasoner, J. 1999. Dual control: Harnessing technology for breakthrough performance. North Logan, UT:

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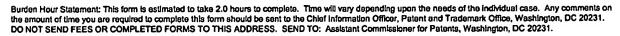
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	Dick, K. 2000. HML. A manager's guide. Boston. Addison-Wesley.	
	Hollander, A. S., Donna, E. L., & Cherrington, J. O. 2000. Accounting information technology, and business solutions (2nd Ed.). New York: McGraw-Hill Higher Education.	
	Watson, L. A., McGuire, B. L., & Cohen, E. E. 2000, September. Looking at business reports through XBRL tinted glasses. Strategic Finance, 40-45.	
	Bradford, M., Mayfield, T., & Toney, C. 2001, May. Does ERP fit in a lean world? Strategic Finance, 28-34.	
	Coffin, Z. 2001, June: The top 10 effects of XBRL. Surregic Finance.	
	Hardy, I. K. 2001. Hazardous chemical database. Akron, OH: The University of Akron. Available: http://all.chemistry.uakron.edu/crd/chemicals/1001-1500/1049.html.	
	Mejahan, V. 2001. Should I use a directory, a database, or both? Prove, UT. Novelt Approtes. Available: http://developer.novell.com/research/approtes/2001/November/01/a011101.pdf.	
	Manos, A. T. 2001. Enabling open, interoperable, and smart Web services. The need for shared context. Pale Alto, CA: Sun Microsystems, Inc. Available: http://www.w2.org/2001/03/WSWS-pope/poper29.	
:	McNealy, S. 2001. 'Directories' critical to success, including recovery. San Jose/Silicon Valley Business Journal, October 8. Available: http://sanjose.bcentral.com/sanjose/stories/2001/10/08/editorial3.html.	1
	Messeve, S. A., Simkin, M. G., & Bagranoff, N. A. 2001. Core concepts of accounting information systems (7th ed.). New York: John Wiley & Sons, Inc.	
	World. Brookline, MA: The Lean Enterprise Institute.	
	No.1	Dick, K. 2008. XML. A manager's guide. Buston. Addison-Westey.

Examiner Signature	/Phuong Thao Cao/	Date Considered	04/20/2006

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PTC		Waldrop, M. M. 2002, May. Grid computing. Technology Review, 105(4), 30-37.					
		Hamilton, J. 2002. SEC corporate disclosure reforms. CEO/CFO certification. Chicago. CCIT Incorporated.					
		Hamilton, I., & Trautmann, T. 2003. Serbanes Onley Act of 2002: Law and explanation. Chicago. CEH Incorporated.					
		Jenson, R. L., Brackner, J. W., & Skousen, C. R. 1996. Management accounting in support of manufacturing excellence. Montvale, NJ: The IMA Foundation for Applied Research, Inc.					
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